

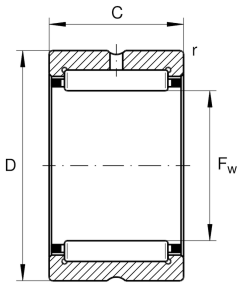
**RNA4900-XL**

Radial roller bearing

Radial roller bearing RNA..-XL

X-life

Technical information



Your current product variant

Cage	Standard	
Lubrication hole	the aid of the bearing frequency calculator, you can determine this by inputting the geometrical data.	With
Coating	Without	
Type of Seal	Without	
Special features	Without	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

F_w	14 mm	Under roller diameter
D	22 mm	Outside diameter
B	13 mm	Width
C_r	9.600 N	Basic dynamic load rating, radial
C_{0r}	9.200 N	Basic static load rating, radial
C_{ur}	1.660 N	Fatigue load limit, radial
n_G	24.600 1/min	Limiting speed
$n_{G \text{ Grease}}$	14.800 1/min	Limiting speed for grease lubrication
n_{gr}	17.800 1/min	Reference speed
$\approx m$	16,5 g	Weight



Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
C	13 mm	Width, outer ring






Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Additional information

G14X22X3	Sealing ring
SD14X22X3	Sealing ring 2

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope